

Converting Colors

XYZ(27.5896, 36.8663, 23.3187)

Have a look what the booklet for
XYZ(27.5896, 36.8663, 23.3187)
contains.

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Color

**XYZ(27.6679, 36.9188,
23.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB078
RGB	127, 176, 120
RGB Percent	50%, 69%, 47%
CMY	0.5020, 0.3098, 0.5294
CMYK	0.28, 0.00, 0.32, 0.31
HSL	113°, 26%, 58%
HSV	113°, 32%, 69%
XYZ	27.6679, 36.9188, 23.4371
YIQ	154.9650, -11.2280, -27.8040

Conversions

Conversions Part 2

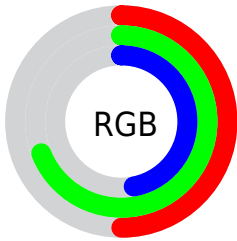
Format	Color
RYB	120, 176, 169
Decimal	8368248
CIELab	67.22, -27.32, 23.61
CIELCh	67, 36.110, 139.158
Yxy	36.9188, 0.3143, 0.4194
Android (android.graphics.Color)	4286558328 (0xFF7FB078)
YUV	154.9650, -17.2377, -24.5253
Hunter-Lab	60.7608, -25.0502, 19.6628

Details

The XYZ color **27.6679, 36.9188, 23.4371** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.9168, 25.0037, 44.2730**, and the grayscale version is **31.2185, 32.8442, 35.7674**.

A 20% lighter version of the original color is **55.4555, 70.5541, 50.2307**, and **11.2008, 16.1573, 8.4896** is the 20% darker color. If you saturate the color by 10%, you get **24.5756, 35.4380, 18.2200**, and if you desaturate by 10%, it is **31.3091, 38.6620, 29.7064**.

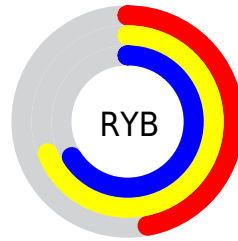
Distribution



Red (50%)

Green (69%)

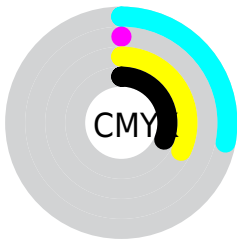
Blue (47%)



Red (47%)

Yellow (69%)

Blue (66%)

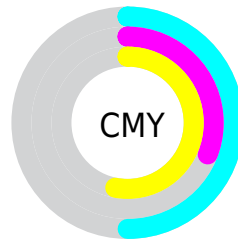


Cyan (28%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (50%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6679, 36.9188, 23.4371 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.6679, 36.9188, 23.4371 by changing the saturation by 10% instead.

■ 27.6679, 36.9188,
23.4371

■ 27.6679, 36.9188,
23.4371

282.9855,
332.9588, 283.1565

■ 18.2146, 25.1446,
14.7083

■ 55.3661, 70.4479,
50.0423

■ 11.2048, 16.1848,
8.4706

■ 74.3419, 92.9716,
68.7558

■ 6.2731, 9.6550,
4.3054

■ 97.2224, 119.8472,
91.6345

■ 3.0541, 5.1708,
1.7944

124.3732,
151.4593, 119.0971

■ 1.1824, 2.3479,
0.4242

156.1595,
188.1920, 151.5620

■ 0.0924, 0.7989,
0.0000

192.9468,

■ 0.0000, 0.0000,

230.4300, 189.4479

0.0000

235.1004,
278.5574, 233.1732

■ 27.6679, 36.9188,
23.4371

■ 27.6679, 36.9188,
23.4371

■ 24.5756, 35.4380,
18.2200

■ 31.3091, 38.6620,
29.7064

■ 22.0027, 34.2025,
13.9950

■ 35.5212, 40.6746,
37.0784

■ 19.9213, 33.2003,
10.7001


■ 40.3284, 42.9691,
45.6036


■ 18.2996, 32.4165,
8.2651


■ 45.7526, 45.5558,
55.3284

■ 17.1020, 31.8345,
6.6098


■ 51.8148, 48.4445,
66.2967


 16.2876, 31.4353,
5.6390

 58.5348, 51.6445,
78.5503

 15.8569, 31.2227,
5.1908

 65.9317, 55.1648,
92.1289

 73.0747, 58.6345,
102.0739

 74.8161, 59.5322,
102.1554

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7259, 36.9188, 17.8039



27.6679, 36.9188, 23.4371



25.6768, 36.9188, 34.7553

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.6679, 36.9188, 23.4371



33.1343, 36.9188, 77.9835



46.0832, 36.9188, 31.0378

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.6679, 36.9188, 23.4371



30.9168, 25.0037, 44.2730

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.5619, 36.9188, 46.1819



27.6679, 36.9188, 23.4371



38.6843, 36.9188, 76.2249

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.6679, 36.9188, 23.4371



28.6058, 36.9188, 67.8089



43.7337, 36.9188, 63.4934



42.4872, 36.9188, 21.3314

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.6679, 36.9188, 23.4371



25.6329, 36.9188, 45.2251



43.7337, 36.9188, 63.4934



46.6272, 36.9188, 35.5585

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.6689, 36.9204, 23.4379



65.7784, 74.4151, 69.6401



35.3976, 38.7906, 23.3916



14.0095, 16.0096, 14.6586



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6689, 36.9204, 23.4379



46.2347, 65.0681, 35.8281



28.0453, 36.9547, 30.6735



8.4844, 9.5393, 9.0466



11.6622, 22.9221, 3.8098



0.3983, 0.7374, 0.1213

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.9168, 25.0037, 44.2730



53.0225, 40.1158, 79.4438



30.5780, 25.0463, 34.4404



8.7435, 8.5918, 10.7039



15.5620, 7.3583, 30.7371



0.5187, 0.2465, 0.9685

Previews

White Background



This preview shows how the XYZ color 27.6679, 36.9188, 23.4371 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.6679, 36.9188, 23.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6679, 36.9188, 23.4371

Background



This preview shows how black text looks on a background with the XYZ color 27.6679, 36.9188, 23.4371.



This preview shows how white text looks on a background with the XYZ color 27.6679, 36.9188,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.6679, 36.9188, 23.4371

Protanopia

34.0390, 36.6394, 21.1977

Deuteranopia

37.2648, 36.4386, 24.1381



Tritanopia

32.9274, 36.7859, 49.6209

Trichromacy



Original Color

27.6679, 36.9188, 23.4371

Protanomaly

31.2556, 36.5353, 21.9277

Deuteranomaly

32.8208, 35.9493, 23.9480

Tritanomaly

30.6524, 36.6974, 38.2686

Monochromacy



Original Color

27.6679, 36.9188, 23.4371

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.6567, 34.1671, 30.6230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6679, 36.9188, 23.4371 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 176, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 176, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 176, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 176, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.6679, 36.9188, 23.4371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 176, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 176, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 176, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 176, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 176, 120);  
box-shadow:4px 4px 4px 4px rgb(127, 176,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6679, 36.9188, 23.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 176, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
176, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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